

CLAIMS

What is claimed is:

1. A sunscreen device for a motor vehicle roof module, comprising:
 - at least one guideway extending from back to front of the motor vehicle roof module in a longitudinal direction;
 - a housing;
 - a first sun screen that is movable in a forward direction from the housing and that is guided in the guideway; and
 - at least one cassette mounted on the lower edge of the first sun screen, said at least one cassette containing a second sun screen.
2. The device as recited in Claim 1, wherein the first sun screen is a roll-up shade.
3. The device as recited in Claim 1, wherein the second sun screen is a roll-up shade.
4. The device as recited in Claim 1, wherein the second sun screen is a sun visor.
5. The device as recited in Claim 1, further comprising a grip attached to the first sun screen to allow manual movement of the first sun screen.

6. The device as recited in Claim 1, further comprising an electrical drive device operably coupled to the first sun screen to operate the first sun screen.

7. The device as recited in Claim 1, wherein the cassette is mounted on the first sun screen in a hinged manner.

8. The device as recited in Claim 1, wherein said at least one cassette comprises a driver-side cassette containing a driver-side sun screen and a passenger-side cassette containing a passenger-side sun screen.

9. The device as recited in Claim 8, wherein the driver-side sun screen and the passenger-side sun screen can be operated independently of one another.

10. A vehicle roof module, comprising:
 - a windshield; and
 - a sun screen device for covering at least a portion of the windshield, the device having
 - at least one guideway extending from back to front of the motor vehicle roof module in a longitudinal direction,
 - a housing mounted on the roof module,
 - a first sun screen that is movable in a forward direction from the housing and that is guided in the guideway, and
 - at least one cassette mounted on the lower edge of the first sun screen, said at least one cassette containing a second sun screen.
11. The vehicle roof module as recited in Claim 10, wherein the windshield is a panoramic windshield having a windshield area and a roof area, wherein the first sun screen covers the roof area and the second sun screen covers the windshield area.
12. The vehicle roof module as recited in Claim 11, wherein the windshield area and the roof area merge into each other without any intervening structure.
13. The vehicle roof module as recited in Claim 10, wherein the housing of the sun screen device is disposed adjacent the windshield in a rear roof area.

14. The vehicle roof module as recited in Claim 10, wherein the first sun screen is a roll-up shade.

15. The vehicle roof module as recited in Claim 10, wherein the second sun screen is a roll-up shade.

16. The vehicle roof module as recited in Claim 10, wherein the second sun screen is a sun visor.

17. The vehicle roof module as recited in Claim 10, further comprising a grip attached to the first sun screen to allow manual movement of the first sun screen.

18. The vehicle roof module as recited in Claim 10, further comprising an electrical drive device operably coupled to the first sun screen to operate the first sun screen.

19. The vehicle roof module as recited in Claim 10, wherein the cassette is mounted on the first sun screen in a hinged manner.

20. The vehicle roof module as recited in Claim 10, wherein said at least one cassette comprises a driver-side cassette containing a driver-side sun screen and a passenger-side cassette containing a passenger-side sun screen.

21. The vehicle roof module as recited in Claim 20, wherein the driver-side sun screen and the passenger-side sun screen can be generated independently of one another.